

WHAT IS CLAIMED IS:

sub A

1. A liquid crystal display device used with a light source, comprising:
a first substrate;
a second substrate having first and second surfaces, wherein the first surface is disposed against the first substrate; and
a non-transparent film coated on periphery of the second surface of the second substrate to substantially block light emitted from the light source.

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2. The liquid crystal display device of claim 1, wherein the first substrate comprises first and second surfaces, the second surface being disposed against the first surface of the second substrate, wherein a non-transparent material is formed on periphery of the second surface of the first substrate.

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3. The liquid crystal display device of claim 1, wherein a non-transparent material is formed on periphery of the first surface of the second substrate.

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4. The liquid crystal display device of claim 2, wherein the non-transparent material is a black matrix.

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5. The liquid crystal display device of claim 1, wherein the non-transparent film is a black film.

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6. The liquid crystal display device of claim 2, wherein the non-transparent film and the non-transparent material are partially overlapping throughout the periphery of the second substrate.

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7. The liquid crystal display device of claim 6, wherein the non-transparent material is a black matrix.

6 — 8. The liquid crystal display device of claim 6, wherein the non-transparent film is a black film.

9. The liquid crystal display device of claim 1, further comprising a sheet material disposed between the light source and the second substrate.

Sub A2 10. The liquid crystal display device of claim 9, wherein the sheet material includes a protective sheet, a prism sheet and a diffusion sheet.

11. The liquid crystal display device of claim 10, wherein the first substrate comprises first and second surfaces, the second surface being disposed against the first surface of the second substrate, wherein a non-transparent material is formed on periphery of the second surface of the first substrate.

11 — 12. The liquid crystal display device of claim 11, wherein the non-transparent film and the non-transparent material are partially overlapping throughout the periphery of the second substrate.

12 — 13. The liquid crystal display device of claim 12, wherein the non-transparent material is a black matrix.

13 — 14. The liquid crystal display device of claim 12, wherein the non-transparent film is a black film.

Sub A3 15. A method of manufacturing a liquid crystal display device for use with a light source, comprising the steps of:
providing a first substrate;
providing a second substrate having first and second surfaces, wherein the first surface is disposed against the first substrate; and
coating a non-transparent film on periphery of the second surface of the second substrate to substantially block light emitted from the light source.

16. The method of claim 15, wherein the first substrate comprises first and second surfaces, the second surface being disposed against the first surface of the second substrate, wherein a non-transparent material is formed on periphery of the second surface of the first substrate.

19 — 17. The method of claim 15, wherein a non-transparent material is formed on periphery of the first surface of the second substrate.

20 — 18. The method of claim 17, wherein the non-transparent material is a black matrix.

21 — 19. The method of claim 15, wherein the non-transparent film is a black film.

16 — 20. The method of claim 16, wherein the non-transparent film and the non-transparent material are partially overlapping throughout the periphery of the second substrate.

17 — 21. The method of claim 20, wherein the non-transparent material is a black matrix.

18 — 22. The method of claim 20, wherein the non-transparent film is a black film.

22 — 23. The method of claim 19, wherein the black film is formed by any one of a printing process and a coating process.